技术支持：全球24小时销售、售后技术支持

备件支持：备件仓库支持24小时随时发货

Technical support: Global 24-hour sales and after-sales technical support
Spare parts support: Spare parts warehouse supports 24-hour delivery at any time

官网二维码
Official website QR code

公众号二维码
QR code of official account

全球40公斤无油PET吹瓶压缩机专家

GLOBAL EXPERT OF 40KG OIL-FREE PET BOTTLE BLOWING COMPRESSOR

全国各地高效的分支机构与备件库提供优质及时的服务
奥福瑞将会在全球各地为您提供业务和技术支持

Efficient branch offices and spare parts warehouses across the country provide high-quality and timely services
OFURE will provide you with business and technical support around the world

OFURE奥福瑞

www.oil-free.cn

让生活更健康

创新与传承 专注压缩空气领域
Innovation and inheritance focus on the field of compressed air

Make Life Healthier

专业致力于无油高压空气压缩机的研发、生产
Dedicated to the research and production of oil-free high-pressure air compressors

南京奥福瑞压缩机有限公司
Nanjing Oil-Free Compressor Co., Ltd.

公司简介 COMPANY PROFILE

南京奥福瑞压缩机有限公司专业致力于无油中高压空气压缩机的研发、生产。欧美技术的引进，能够用更佳的成本效益解决方案，使无油压缩机获得更高的性能和较低的能耗。公司已获得50多项国家专利。

我们不仅在中国，还在马来西亚、新加坡、菲律宾、南非、加拿大、日本、美国、欧洲都建有自己的代理机构，为当地客户提供压缩机的技术培训，并拥有完善的零部件仓储和专业的工程师为客户服务。

针对矿泉水、果汁、食用油、牛奶、医疗器械等食品和医疗领域，南京奥福瑞压缩机有限公司能为您量身定制出更可靠的中高压无油压缩机系统。

Nanjing Oil-Free Compressor Co., Ltd. specializes in the development and production of oil-free medium and high-pressure air compressors. The introduction of European and American technology enables oil-free compressors to achieve higher performance and lower energy consumption, providing more cost-effective air solutions. Currently, we have obtained over 50 national patents.

Apart from operating in China, we also have our own agencies in Malaysia, Singapore, the Philippines, South Africa, Canada, Japan, the United States, and Europe, offering compressor technical training to local customers. We have spare parts warehouses and professional engineers to assist customers.

In the fields of mineral water, juice, milk, edible oil, medical, as well as other food and pharmaceutical packaging industries, Nanjing Oil-Free Compressor can customize a more reliable medium and high-pressure oil-free compressor system to meet your specific needs.

让生活更健康！

Make Life Healthier!

ATTESTION OF CONFORMITY

无油证书 Class 0 oil-free certificate

① 两种选择组合配置

全系列PET吹瓶压缩机

低压和增压机组合

Options

All series PET blowing compressor

Low pressure and high pressure

② 遍布全球的优质服务

遍布全球的专业技术支持

共享备件和技术服务

Quality service

Worldwide professional and technical support

Share spare parts and technical services

③ 性价比更高

安装和维修成本较低

低能源成本

适合全球工况的可用选件

全球解决方案：变速智能软件

High cost performance

Lower installation and maintenance costs

Low energy cost

Variable speed intelligent software

④ 无限延长保修计划

Unlimited extended warranty program

西门子全集成自动化(TIA)

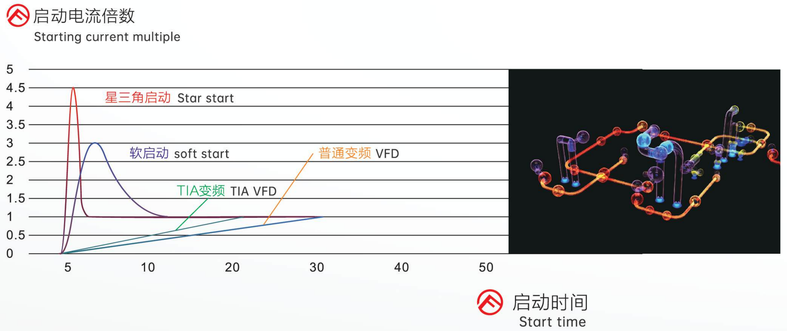
Siemens integrated automation (TIA)

启动电流小于额定电流
Starting current less than rated current

更节能的变频器电控柜处理方案
More energy - saving inverter electronic control cabinet processing scheme

启动曲线
Start curve

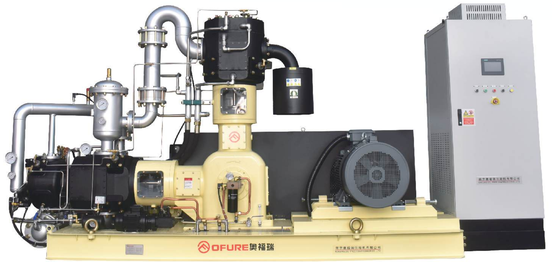
“智”为您节能
"Intelligence" saves energy for you

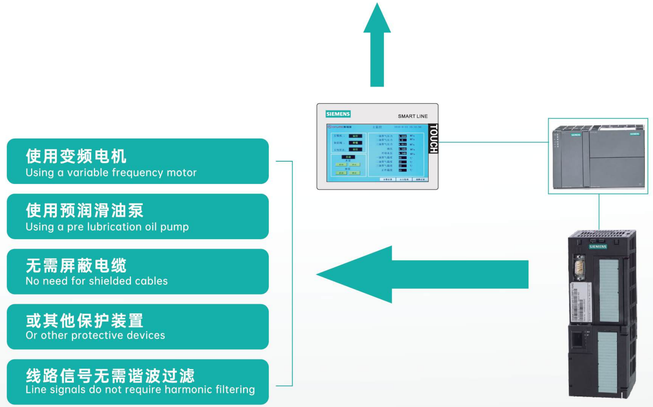


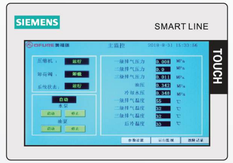
启动电流比常规变频器更小	• The starting current is smaller than the conventional frequency converter
启动速度比常规变频器更快	• The speed of start is faster than the conventional frequency converter
半载变频系统更节能	• Half-load frequency conversion system is more energy saving

由奥福瑞和西门子电气联合开发

Developed jointly by OFURE and Siemens electrical







变频器——变速驱动系统 Frequency converter - variable speed drive system

根据您特定项目的需求，变频器可增加相对效率，并可降低功耗

Depending on your specific project requirements, the inverter can increase relative efficiency and reduce power consumption

使用变频器的电控柜“全功能”“更节能”的解决方案说明

Use frequency converter in control box, make sure the "full function" and "more energy saving"

适用产品：L 型高低压活塞式无油压缩机

Products: L type high and low pressure (piston type) oil-free compressor

1、启动 ---- 0至低频，再大的电机启动电流都非常小，对电网无冲击，节能；

2、加载 ---- 低频至满频变化，由用气量决定，不浪费电能，节能；

3、卸载 ---- 降至低频，转速也降，电流也减小，节能；

4、电调（所有大机都是气调）（电调，气调，两选）---- 当空载时间达到设定值（如5分钟），变频器处于0频工作状态，即停机，无能耗。

我们也会用程序控制电机每小时启停次数不超过4-6次。充分利用变频器启动电流非常小的优点。

压力下降至启动压力时，重复 1，2，3，4 过程。

变频与半载的完美结合更低的运行成本。

变频器可以使运行能耗减少一半，半载功能又能减少一半，总的能耗和排气量可以降至满载的1/4，例如：20立方机器，能耗和排气量可从5~20立方之间随意调节。

1、Start ---- from 0 to low frequency, then large motor start current is very small, no impact on the grid, energy saving;
2、Loading ---- from low frequency to full load, determined by gas consumption, no waste of electricity, energy saving;
3、Unload ---- reduce to low frequency, speed also drop, current also reduce, energy saving;
4、Electric control most machines are CSC (you can choice CSC or ASSC)(CSC:constant speed control ASSC: automatic start and stop control) when the machine no-load time reaches the set value (e.g., 5 minutes), the frequency converter belongs to the working state of 0 frequency, namely stop, no energy consumption

When the pressure drops to the starting pressure, repeat 1.2.3.4。

Frequency conversion and half –load perfect combination - lower operating costs

The frequency converter can reduce the half energy consumption in operation and half-load function can reduce half energy consumption .The total energy consumption and air discharge can be reduced to 1/4 of the full load. For example, the energy consumption and air discharge of a 20 M3/min , It can be adjusted at will from 5 to 20 M3/min

半载系统 Half-load System

奥福瑞空压机半载系统是一款减少吸入气量，并降低能耗的系统。半载系统可以优化空压机的加载时间和卸载时间的比例，从而减小空压机的温度、压力等运行参数的变化幅度，使得空压机稳定的运行。

The half –load system of OFURE compressor can reduced inlet air capacity and reduce energy consumption. The half-load system can optimize the ratio between the loading time and unloading time of air compressor. Reduce the variation range of air compressor temperature and pressure , make sure the compressor are operate stably.

远程检测系统 Remote monitoring system

奥福瑞无油水冷压缩机可选配远程检测系统-LOT智能电子人

LOT电子人 不间断监控，异常状况随时通报给客户

奥福瑞远程检测，客户只需要专注生产，奥福瑞负责照看机器

故障诊断快捷，迅速解决问题，恢复生产更快捷

OFURE oil-free water cooling compressor can be equipped with remote monitoring system ---LOT intelligent cyborg

LOT electronic 24 hours uninterrupted monitoring, abnormal status will inform customer at any time

OFURE remote monitoring, customers focus on production, the machine been supervised by OFURE

Quick fault diagnosis, quick problem solving, quick recovery

市场上性价比更高的产品

More cost-effective products on the market

只有两个十字头组件，两个连杆和相关轴承。第三级中无活塞杆填料，这相对于40巴压缩机减少了密封。

第2级和第3级单独动作，只需要少数几个阀门。第2级和第3级较小，且水平放置，可最大限度的延长活塞环使用寿命。

阀门少，可减少能耗。

With only two crosshead assemblies, two connecting rods and associated bearings, there are not Piston rod and packing in 3rd stage.

The 2nd and 3rd stages operate individually , it needs only a few valves.

The 2nd and 3rd stages valve are smaller and placed horizontally . make sure the life time of piston ring.

Less valves reduce energy consumption

产品优势 Products Advantage

低能源成本（一级运行能耗占整体能耗的45%以上，利用垂直自由落体运动，可以更好的降低能耗）

运动部件更少

转速更低

维护成本更低

Low energy cost (the energy consumption of the first stage operation accounts for more than 45% of the total energy consumption, and the use of vertical free-fall motion can better reduce the energy consumption)

Less moving parts

Low speed

Lower maintenance costs

高能效 High efficiency

部件寿命长、低磨损、低转速：340转 / 分至580转 / 分，易损件少
容易接触机器进行维修；可靠性强，易于维修，维修所需时间更短，效果佳
由于采用防震装置，所以无需专门打地基，安装简单快速：可以减少安装的投资成本

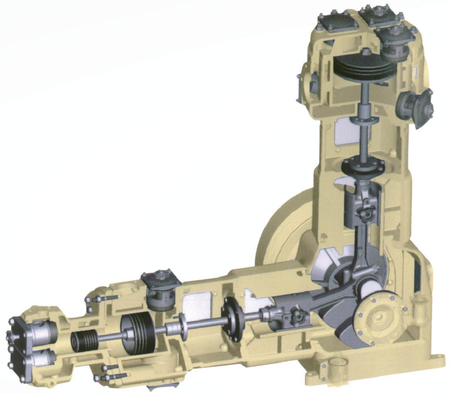
Long life time parts, low wear, low speed: 340 RPM to 580 RPM, less wearing parts easy to contact the machine for maintenance, strong reliability, easy maintenance, maintenance time is shorter, better effect
Use shock absorbers, no special foundation, installation is simple and fast, can reduce the investment cost of installation

节能设备选件 —— 压缩空气回收系统

Energy-saving equipment options -- compressed air recovery

使用此空气回收循环系统，简约设计的40公斤奥福瑞压缩机可重新使用从吹瓶机回收的5斤压缩空气。第1级为一个低压装置，而第2级和第3级则设计为增压装置。一个设备，两种机器功能。改装后每100m3/H可节能7至9千瓦时。在整个高压PET市场中独树一帜。

Using this air recovery and circulation system, the simple design 40bar OFURE compressor , it can recover 5 kg of compressed air from the bottle blower. The first stage belong to low pressure, while the second and third stages are designed for pressurization. One unit machine , two machine functions. it can save 7 to 9 KWH per 100M3/H.Unique in the whole high-pressure PET market.

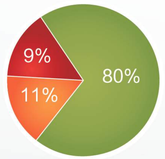


80%的设备的整体费用是能耗费用

The overall cost of 80% of the equipment is energy costs

奥福瑞产品的特点即是直接节约成本
能源消耗成本在世界范围内不断增加，若在生产管理中忽略
这个问题，将必然导致生产费用的增加。
在长年累月的生产中节约成本，即为创造利润……

The characteristic of Ofure compressors is the direct cost savings. With the increasing cost of energy consumption worldwide, neglecting this issue in production management will inevitably result in increased production costs. Saving costs over the years in production is essential for profit creation.



PET压缩机的总使用寿命
周期以运行10年来计算

- 能源费用80%
- 购买总费用11%
- 维护费用9%

Energy costs 80%
purchase cost 11%
Maintenance cost 9%

The total service life of PET compressor is calculated based on 10 years of operation

奥福瑞能耗更低 OFURE less energy consumption

无油空气压缩机主机 Oil free bare compressor Oil free bare compressor

根据您特定项目的需求，变频器可增加相对效率，并可降低功耗

According to the specific requirements of your project, frequency converters can increase relative efficiency and reduce power consumption

特点

结构坚固、简便：方便机器操作	Feature
主机的所有部件都安装在整个机架上	Strong structure, simple and convenient for machine operation. All main parts are in one on the base.
不锈钢阀	Stainless steel valve
成套自动排水系统	Complete set of automatic drain system
外置油泵进行预润滑	External oil pump for pre-lubrication

优点

安装成本低、无需专门地基	Advantage
安装简便、快捷	Low installation cost, no special foundation
维护简便、快捷	Easy and quick installation
维护成本低	Easy and quick maintenance
所有部件和备件的使用寿命均较长	Low maintenance cost
	Long service life

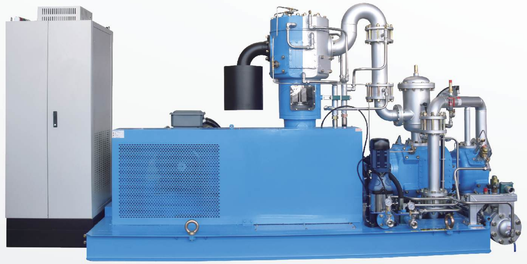
其他可用选件

全系列2级无油7-15公斤往复式压缩机，流量从10~30m3/min。
可按要求提供：
增压机：进气压力7到10公斤增压至出气压力20、30、40公斤，流量从10~30m3/min。

Full series two stage oil free compressor 7-15kg reciprocating compressor with flow rate 10-30M3/min
Booster compressor : inlet pressure from 7bar to 10bar , the outlet pressure: 20.30.40bar. free air delivery: 10-30M3/min

型号Model：HLW-12/40

型号Model：HLW-16/40



型号Model：HLW-12/40

型号Model：HLW-16/40

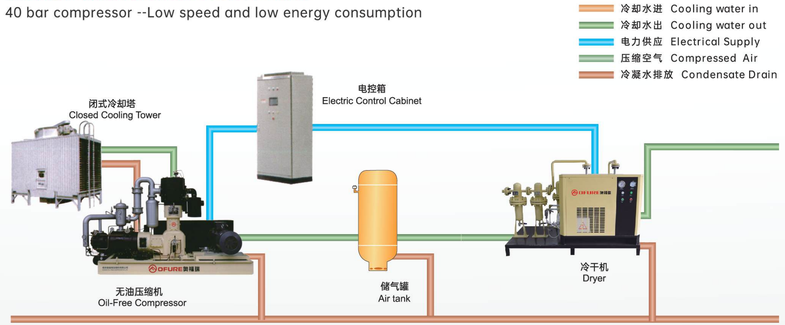
技术参数 Technical parameter

中高压无油系列 High pressure oil-free series

型号 Model	排气量F.A.D		排气压力Pressure MPa	电机功率Power KW	转速Speed r.p.m	外形尺寸Size (长x宽x高mm)	重量Weight kg
	m³/min	CFM					
HLW-8.5/40	8.5	300	4.0	90	450	4050x1750x2380	5500
HLW-10/40	10	353	4.0	110	500	4050x1750x2380	5800
HLW-12/40	12	424	4.0	132	580	4050x1750x2380	6000
HLW-16/40	16	565	4.0	160	390	4650x2200x2780	7400
HLW-18/40	18	636	4.0	185	440	4650x2200x2780	7600
HLW-20/40	20	706	4.0	200	470	4650x2200x2780	7800
HLW-22/40	22	777	4.0	220	500	4650x2200x2780	8000
HLW-25/40	25	883	4.0	250	390	4950x2250x2980	8500
HLW-28/40	28	989	4.0	280	440	4950x2250x2980	8800
HLW-30/40	30	1060	4.0	315	470	4950x2250x2980	9000

低转速和低能耗的成套40公斤压缩机

40 bar compressor --Low speed and low energy consumption



压缩机选件全球解决方案 Compressor options solutions

- 散热器冷却系统，带水泵的成套解决方案
  可用于高达32℃的环境温度
  自动喷雾系统-备件
- 蒸发式冷却塔，全部湿球温度计选项
- 每套冷却系统的设计均能满足最苟刻的环境条件
- 40公斤空气干燥机选件：不锈钢冷凝器，水冷或风冷
  露点报警器，集成除滤器。标准或不锈钢冷凝器-选件
- 40公斤储气罐的选件：
  各种标准和认证：CE-PED、SQLO/SELO、ASME.....
  机油加热器或机油冷却器位于压缩机曲轴箱

- Radiator cooling system, water pump set of solutions, can be used for up to 32 ℃ ambient temperature
  Automatic spray system-Optional
- Evaporative cooling tower, all wet bulb thermometer (optional)
- Each cooling system is designed to meet the most demanding environmental conditions
- 40 kg air dryer (optional), stainless steel condenser, water or air cooling leakage alarm, integrated filters. Standard or stainless steel condenser - optional
- 40 bar air tank (optional parts):
  All kinds of standards and certifications: CE-PED、SQLO/SELO、ASME.....
  The oil heater or oil cooler is located in the compressor crankcase

压缩空气净化系统 Compressed air aftertreatment system

- 除水快，效率高，提供最高品质的40巴空气。
- 干燥机和过滤器一体化，可以节省空间。
- 电子微机处理，自动报警，自动排水。
- 可获得最佳的PET生产时间。

- Fast water removal, high efficiency, providing the highest quality 40 bar air.
- The integration of dryer and filter can save space.
- Electronic microcomputer processing, automatic alarm, automatic drainage.
- Can achieve the best PET production time.

型号Model：DLW-16/10

技术参数 Technical parameter

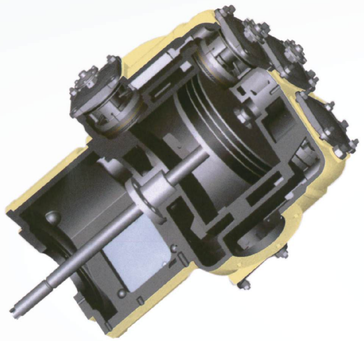
低压无油系列 Low pressure oil free series

型号 Model	排气量F.A.D		排气压力Pressure MPa	电机功率Power KW	转速Speed r.p.m	外形尺寸Size (长x宽x高mm)	重量Weight kg
	m³/min	CFM					
DLW-8.5/10	8.5	300	1.0	55	450	3650*1750*2380	5000
DLW-10/10	10	353	1.0	75	500	3650*1750*2380	5300
DLW-12/10	12	424	1.0	90	580	3650*1750*2380	5500
DLW-16/10	16	565	1.0	110	390	4100*2250*2980	6700
DLW-18/10	18	636	1.0	132	420	4100*2250*2980	6900
DLW-20/10	20	706	1.0	132	470	4100*2250*2980	7100
DLW-22/10	22	777	1.0	160	360	4950*2250*2980	7300
DLW-25/10	25	883	1.0	160	370	4950*2250*2980	7600
DLW-28/10	28	989	1.0	185	420	4950*2250*2980	7800
DLW-30/10	30	1060	1.0	185	460	4950*2250*2980	8000

40公斤压缩机全球服务 Service

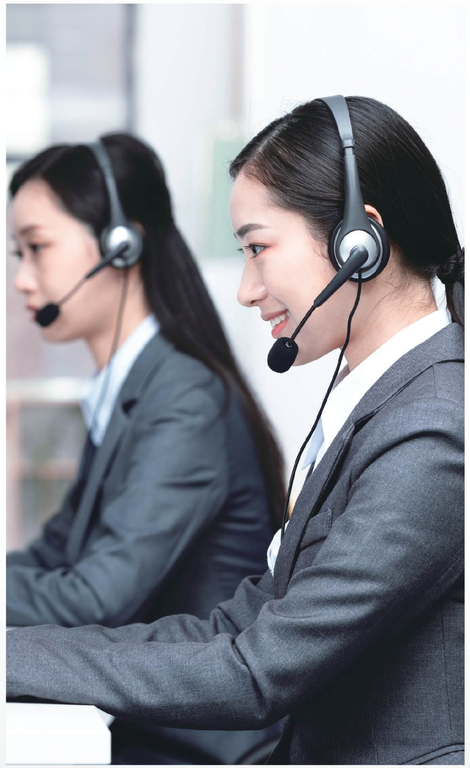
所有备件和部件在仓库中均有库存，可随时发货
全球供应，本地支持
全球分支机构与技术人员提供支持

All spare parts and components are in stock in the warehouse and can be shipped at any time
Global supply, local support
Global branches and technical personnel provide support



配件来自全球优质的供应商 Component and Parts Suppliers

Danfoss
Schneider Electric
COMPRESSOR PRODUCTS International an EnPro Industries company
SIEMENS
INOVANCE
bürkert
TIMKEN Where You Turn
ABB



无限延长保修计划 Unlimited extended warranty program

由于其具有坚固和简便的设计特点，并且奥福瑞的"L"型设计的可靠性已经过几十年的实践验证。
除了压缩机系统上的标准保修期外，奥福瑞同时能为其机器的机械部分延长其保修期。
我们时刻关注您的需求。
提供精确、长期、优质的专业维修服务是我们的宗旨。

Due to its sturdy and simple design characteristics, and the reliability of OFURE's L-shaped design has been verified in practice for decades.
In addition to the standard warranty period on the compressor system, OFURE can also extend the warranty period for the mechanical parts of its machines.
We always pay attention to your needs.
Our aim is to provide precise, long-term, and high-quality professional maintenance services.

保修 Warranty

奥福瑞PET吹瓶压缩机可以进行无限期保修...只要其运行设备是执行了一个维修计划。
更多的40公斤PET吹瓶压缩机奥福瑞专家更是您可以信赖的合作伙伴！

The OFURE PET bottle blowing compressor can be covered by an indefinite warranty... as long as its operating equipment is under a maintenance plan.
More 40kg PET bottle blowing compressors are reliable partners for you, and our experts from OFURE are even more reliable!

部分服务客户 Some customers

Newamstar Global Packaging Machinery Supplier
Cestbon 华润怡宝
今麦郎
QUINKO 全冠机械
厚朴 做中国最好的
光明乳业 BRIGHT DARY&FOOD
润田 Runtian
中粮 COFCO
鲁花
名仁®
中国中纺 Chinatex
MENGNIU 蒙牛®
海天
李子园 LIZIYUAN
MOUTAI 贵州茅台集团
天外天 SuperiorSource
韩国品牌 LOTTE® 乐天饮料